

Levy, N.
09/842963

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- key terms

(FILE 'HCAPLUS' ENTERED AT 14:54:39 ON 09 DEC 2003)

L2 4039 SEA FILE=HCAPLUS ABB=ON PLU=ON (REPELL!NT OR REPELLING
OR REPEL OR REPELLED OR REPULSION OR REPULSE# OR
REPULSING OR ATTRACT? OR LURE# OR LURING OR BAIT) (S) (PRES
CENT## OR SCENT## OR ODOR? OR AROMA OR PERFUM? OR
PHEROMON## OR FRAGRAN?)

L3 111 SEA FILE=HCAPLUS ABB=ON PLU=ON L2(L) (SHEET? OR FABRIC
OR WOVEN OR PLASTIC? OR LATEX OR FILM)

L6 16 SEA FILE=HCAPLUS ABB=ON PLU=ON L3(L) (CONTAINER OR
APPARAT? OR DEVICE OR ENVELOP? OR POUCH)

L6 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:733168 HCAPLUS
TITLE: Device for containing animal repellent and
attractant compositions
INVENTOR(S): Weiser, Mark J.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003175320	A1	20030918	US 2001-842963	20010427

PRIORITY APPLN. INFO.: US 2001-842963 20010427

AB A device for emitting repellent odor
or attractant scent comprising a closed
container having odoriferous composition therein
and being formed from thin sheet material which is
pervious therethrough to gaseous effluent from the composition and
is impervious to passage therethrough of liquid.

L6 ANSWER 2 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2003:711949 HCAPLUS
TITLE: Method and device for capping seedling buds
INVENTOR(S): Stearns, David N.; Wimer, Roger Dale
PATENT ASSIGNEE(S): Ifa Nurseries, Inc., USA
SOURCE: PCT Int. Appl.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003073847	A2	20030912	WO 2003-US990	20030113

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, VZ, VC, VN, YU, ZA, ZM, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

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BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT,
LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-357587P P 20020215

AB The novel seedling bud capping **device** is easily deployed on a bud of a seedling due to the use of adherent on either edge (rather than a staple), and more particularly due to its predefinedly selective use of adherent to form an inverted conic space around the bud for receiving sunlight and for capturing the bud stem near its base. The paper stock or the adherent used in the bud capping **device** may be impregnated with a **repellent scent** to further ward away browsers to protect the seedling. Preferably, the bud capping **device** is made from a small, e.g. 5 inch, square piece of water-repellent paper stock having a layer of glue adjacent at least one edge. The stock is protected on the adherent side by another layer of material to be selectively removed. This protective layer is scored and a free segment of the protective backing layer is removed to expose a region of adherent. Because the adherent is wider at the base than at the top, when the device is deployed near a terminus of a seedling bud, it grasps the base of the bud's stem at a fulcrum of an inverted cone while leaving open the top of the **device** for exposure to sunlight. The bud capping **device** prevents browsing of a fragile seedling while permitting the seedling to thrive. The bud capping **device** may be affixed with a pull-tab **scent device** of any suitable configuration, preferably with a slow-release animal **repellent**. The **device** may be arranged and mass-produced in laminar **sheets**, cut and formed into rolls for easy dispensing.

L6 ANSWER 3 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:37919 HCAPLUS

DOCUMENT NUMBER: 138:316168

TITLE: Trapping of Phyllophaga elenans with a female-produced pheromone

AUTHOR(S): Oehlschlager, Allan C.; Leal, Walter S.; Gonzalez, Lilliana; Chacon, Marcos; Andrade, Romano

CORPORATE SOURCE: Chem Tica Internacional, San Jose, Costa Rica

SOURCE: Journal of Chemical Ecology (2003), 29(1), 27-36

CODEN: JCECD8; ISSN: 0098-0331

PUBLISHER: Kluwer Academic/Plenum Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB **Attraction** of Phyllophaga elenans to vaned bucket traps baited with the recently identified female-produced **pheromone**, L-isoleucine Me ester (LIME), is efficient. Pheromone-baited vaned buckets with water to retain insects were more effective than buckets without vanes or **plastic containers** with the sides cut out. Pheromone-baited vaned bucket traps from which water was omitted required the addition of a funnel below the vanes to retain insects. Normally used light traps were about 10 times more effective than pheromone-baited vane bucket traps in capturing P. elenans. Over 95% of P. elenans were captured between 6:00 and 9:00 PM. The male-female ratio was approx. 3-4:1 in both light and pheromone traps, and the ratio was relatively unchanged throughout the capture period. Most P. elenans were

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captured in the treed areas surrounding sugarcane fields. More *P. elenans* were captured in treed borders than in grassy borders of sugarcane fields. The effective radius of the pheromone-baited vanned bucket trap is between 5 and 15 m.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:430640 HCAPLUS

DOCUMENT NUMBER: 137:149467

TITLE: Development of conducting polymer coated screen-printed sensors for measurement of volatile compounds

AUTHOR(S): Shepherd, R. L.; Barisci, J. N.; Collier, W. A.; Hart, A. L.; Partridge, A. C.; Wallace, G. G.

CORPORATE SOURCE: Intelligent Polymer Research Institute, University of Wollongong, Wollongong, 2522, Australia

SOURCE: Electroanalysis (2002), 14(9), 575-582

CODEN: ELANEU; ISSN: 1040-0397

PUBLISHER: Wiley-VCH Verlag GmbH

DOCUMENT TYPE: Journal

LANGUAGE: English

AB A simple approach that gave a range of conducting polymer coated screen-printed carbon track sensors on flexible polyester substrate was developed. The most effective method involved pretreating the sensor surface with a chemical deposited poly(pyrrole) chloride layer followed by subsequent electrodeposition of the desired PPY film. The anal. performance in terms of sensitivity and selectivity is similar to sensors produced using microlithog. to form gold tracks on silicon substrates. The low cost and ease of fabrication make these sensors an attractive alternative to existing devices for use in odor identifications and discrimination.

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:23805 HCAPLUS

DOCUMENT NUMBER: 136:81334

TITLE: Pouches containing fragrance oil for repelling rodents

INVENTOR(S): Warberg, Kari G.

PATENT ASSIGNEE(S): USA

SOURCE: U.S., 7 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6337081	B1	20020108	US 1999-352180	19990712
PRIORITY APPLN. INFO.:			US 1999-352180	19990712
AB	A system for repelling rodents within enclosed areas while			

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simultaneously providing a pleasant **scent** includes a permeable **container** having an opening with a drawstring, cellulose fiber such as corn cob chips, and a **fragrance** oil. The fragrance oil, preferably having a woody floral blend similar to potpourri, is retained by the corn cob chips and slowly released through the **pouch**. The **container**, preferably of a perforated material or cloth, may be attached to a vehicle in storage, or **containers** within a sealable **plastic** bag may be positioned in a storage box having a lid. The **fragrance** oil provides a strong **scent** that **repels** rodents and small animals by irritating their respiratory system while simultaneously providing a pleasant **scent** to humans. ✓

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2000:562552 HCAPLUS
TITLE: Hunter's reconfigurable scent-handling device
INVENTOR(S): Tiedemann, Larry E.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 7 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6102301	A	20000815	US 1999-404647	19990924

PRIORITY APPLN. INFO.: US 1999-404647 19990924

AB A **scent-handling device** for attracting wild game includes a plug that snugly fits into either end of a receptacle to selectively place the **scent-handling device** in a sealed mode for tightly containing a **scent** inside the receptacle and a wide-open aerating mode for releasing the **scent**. The **device** includes several well thought out features that allow it to be inexpensively manufactured by way of a straightforward **plastic** injection molding process. A resilient clip extending sideways from the receptacle allows the clip and the receptacle to be injection molded together as a unitary piece without having to resort to a complicated mold having expensive side-action pulls. The clip includes several teeth that allow both the receptacle and the plug to be firmly fixed to various size branches or other items, thereby avoiding the problem of startling skittish animals with something dangling from the branch, or dangling while in transport. The plug includes an O-ring seal to create a piston/cylinder affect as the plug is inserted into the receptacle. Consequently, air forcibly escaping from the receptacle as the plug is being inserted produces a reassuring sound indicative of a tightly sealed closure.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

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ACCESSION NUMBER: 1999:744272 HCAPLUS
DOCUMENT NUMBER: 131:347869
TITLE: Oily fragrant substance or acaricidal substance evaporating materials
INVENTOR(S): Teramoto, Moroshi; Numata, Masashi; Tsuchii, Atsushi
PATENT ASSIGNEE(S): Sekisui Chemical Co. Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11319054	A2	19991124	JP 1998-140151	19980521

PRIORITY APPLN. INFO.: JP 1998-140151 19980521

AB The evaporating material comprises (a) an lipophilic carrier containing oily **fragrant** substances or oily acaricidal substances and (b) a gas-permeable and oil-repellent **sheet** laminated on (a). The material is free from leakage of oily substances, thus soiling of clothes and bedding is prevented. Schanfine PM 020JK (polypropylene nonwoven **fabric**) was impregnated with lemongrass oil and then laminated with U-Non S (PTFE)-coated Ceres S 0075C (hydrophilic nonwoven **fabric**) to give an acaricidal **sheet**. The **sheet** showed 100% acaricidal activity in a sealed **container**.

L6 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1999:708983 HCAPLUS
DOCUMENT NUMBER: 131:338278
TITLE: Fabric wrinkle control composition and method
INVENTOR(S): Trinh, Toan; Smith, John William; Bolich, Raymond Edward, Jr.; Brock, Earl David; Peffly, Majorie Mossman; Tordil, Helen Bernardo; Torgerson, Peter Marte; Altmann, Markus Wilhelm; Hubesch, Bruno Albert Jean; Mermelstein, Robert; Vermote, Christian Leo Marie; Woo, Ricky Ah-man; Burns, Anthony James; Campbell, William Tucker; Streutker, Alen David
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 75 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9955952	A1	19991104	WO 1999-US8948	19990427

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,

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TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
CA 2329663 AA 19991104 CA 1999-2329663 19990427
AU 9938666 A1 19991116 AU 1999-38666 19990427
EP 1075561 A1 20010214 EP 1999-921460 19990427
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT,
IE, FI
JP 2002513077 T2 20020508 JP 2000-546091 19990427
PRIORITY APPLN. INFO.: US 1998-83220P P 19980427
US 1998-95266P P 19980804
WO 1999-US8948 W 19990427
AB Aqueous clear composition comprises: A. from about 0.05% to about 10% of (1)
relatively water insol. copolymer containing hydrophilic unsatd. organic
monocarboxylic or polycarboxylic acid monomers, or salts thereof or
mixts. thereof and hydrophobic monomers, and optionally other
hydrophilic monomers and/or (2) silicone-containing copolymers; B. from
0.01% to about 5% of alkyl polyethoxylate surfactant having a C8-C16
alkyl group and containing from about 2 to about 6 ethyleneoxy groups; C.
optionally, from about 0.01% to about 5% of silicone surfactant; D.
optionally, containing at least one of lithium salt, silicone,
perfume, odor control agent, antimicrobial active,
antibacterial preservative, aminocarboxylate chelator, low mol. weight
polyol, static control agent, insect **repelling** agent
and/or moth-**repelling** agent; and E. the balance
essentially water. The compns. are useful as stable, aqueous wrinkle
controlling and, optionally, odor-absorbing, agents preferably for
use on **fabric**. The composition is preferably applied as small
particle size droplets, especially from spray **containers**.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN
THE RE FORMAT

L6 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1998:385473 HCAPLUS
DOCUMENT NUMBER: 129:24501
TITLE: Mosquito-repellent band comprising
microencapsulated DEET
INVENTOR(S): Baker, Stephen; Flounders, Terry; O'Shea, Andrew
PATENT ASSIGNEE(S): Baker, Stephen, UK; Flounders, Terry; O'Shea,
Andrew
SOURCE: PCT Int. Appl., 27 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9823149	A1	19980604	WO 1997-GB3137	19971124
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

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RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9850598 A1 19980622 AU 1998-50598 19971124
EP 941028 A1 19990915 EP 1997-913295 19971124
EP 941028 B1 20030730

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC,
PT, IE, FI

GB 2335143 A1 19990915 GB 1999-12336 19971124
GB 2335143 B2 20010418
AT 245898 E 20030815 AT 1997-913295 19971124
GB 1996-24512 A 19961126
WO 1997-GB3137 W 19971124

PRIORITY APPLN. INFO.:

AB An elastic **fabric** apparel band carries a microencapsulated
formulation of insect **repellent** and **fragrant**
indicator, for a slow release by **fabric** disturbance upon
body contact. A dedicated (re)charge **apparatus** allows
replenishment of microcapsules into **fabric** pores from a
reservoir solution of microcapsules in suspension.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN
THE RE FORMAT

L6 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1996:417619 HCAPLUS
DOCUMENT NUMBER: 125:60913
TITLE: Water-repellent compositions containing
fluorinated (meth)acrylate polymers, their
sprays, and their application by spraying
INVENTOR(S): Shimizu, Toshio; Dejima, Hiroshi; Aoyanagi,
Muneo
PATENT ASSIGNEE(S): Kao Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08081883	A2	19960326	JP 1994-214583	19940908
JP 3279442	B2	20020430		

PRIORITY APPLN. INFO.: JP 1994-214583 19940908

AB The title compns. which show long-lasting water-repellent
properties and have no unpleasant **odor** contain (A) 0.1-5%
copolymers of CH₂:CR₁CO₂R₂ [R₁ = H, Me; R₂ = H, (aryl-substituted)
linear or branched C₁-22 alkyl, alkenyl, (linear or branched C₁-20
alkyl- or alkenyl-substituted) aryl; C₃-8 cycloalkyl], C₂-3
hydroxyalkyl (meth)acrylates, and perfluoroalkyl-containing
(meth)acrylates, (B) 90-99.8% C₁-3 alcs., and (C) 0.1-5%
plasticizers and/or F-containing surfactants. Sprays of the
compns. and water-repellent treatment by spraying them are also
claimed. Thus, a fluoropolymer prepared from 50:20:30 acrylic acid,
2-hydroxyethyl methacrylate, and CF₃(CF₂)₇(CH₂)₁₁O₂CCH:CH₂ 1.0, EtOH
98.0, and di-Bu phthalate 1.0% were mixed with propellants and
charged into a **container** to give a spray, which showed
long-lasting water-repellent properties without staining textiles.

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L6 ANSWER 11 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1996:168812 HCAPLUS
DOCUMENT NUMBER: 124:223639
TITLE: Efficacy of pheromone-acaricide-impregnated
tail-tag decoys for controlling the bont tick,
Amblyomma hebraeum (Acari: Ixodidae), on cattle
in Zimbabwe
AUTHOR(S): Norval, R.A.I.; Sonenshine, Daniel E.; Allan,
Sandra A.; Burridge, Michael J.
CORPORATE SOURCE: College of Veterinary Medicine, University of
Florida, PO Box, Gainesville, FL, 32611-0880,
USA
SOURCE: Experimental and Applied Acarology (1996),
20(1), 31-46
CODEN: EAACEM; ISSN: 0168-8162
PUBLISHER: Chapman & Hall
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A large-scale field test using pheromone-acaricide-impregnated
plastic tail-tag decoys demonstrated excellent efficacy of
these **devices** for control of the bont tick on cattle in
Zimbabwe. The tail tags were impregnated with a mixture containing
o-nitrophenol, Me salicylate, 2,6-dichlorophenol and
phenylacetaldehyde and 1 of 3 different acaricides (cyfluthrin,
flumethrin or alpha-cypermethrin). O-Nitrophenol and Me salicylate
are components of the A. hebraeum **attraction**
-aggregation-attachment **pheromone**, while
2,6-dichlorophenol and phenylacetaldehyde are proven
attractants for this tick. Both o-nitrophenol and Me
salicylate were lost gradually from the tags over 12 and 14 wk
periods, resp. In field trials, tick counts were compared between
cattle that received tail tags either impregnated with pheromone
mixture alone, cyfluthrin and pheromone mixture, flumethrin and
pheromone mixture, alpha-cypermethrin and pheromone mixture or were left
untreated. During the 1st 3 mo trial period, control of adult bont
ticks was 94.9% with cyfluthrin tail tags and 87.5% with flumethrin
tail tags. In general, there was no significant difference in bont
tick nos. on cattle without tags and those with tail tags containing
pheromone only. When the trial was repeated for another 3 mo
period, control of bont ticks with tail tags containing cyfluthrin and
flumethrin was 99.3 and 95.1%, resp. However, control of bont ticks
using alpha-cypermethrin was only 79.2%. Overall, retention of tail
tags was excellent although some loss was encountered during the
rainy season. In addition to controlling bont ticks, the tail tags
provided moderate control of other tick species (Rhipicephalus
evertsi evertsi, Rhipicephalus zambeziensis and Hyalomma spp.)
simultaneously infesting cattle in the trials.

L6 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1996:38863 HCAPLUS
DOCUMENT NUMBER: 124:79468
TITLE: Sustained release preparations.
INVENTOR(S): Ogawa, Kinya; Itoh, Kenichi; Suzuki, Hiroshi
PATENT ASSIGNEE(S): Shin-Etsu Chemical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent

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LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 683977	A1	19951129	EP 1995-107083	19950510
EP 683977	B1	20000802		
R: DE, FR, GB, IT				
JP 2915284	B2	19990705	JP 1994-109643	19940524
BR 9502504	A	19960409	BR 1995-2504	19950522
EG 21092	A	20001031	EG 1995-407	19950522
AU 9520253	A1	19960104	AU 1995-20253	19950523
AU 679847	B2	19970710		
CN 1091348	B	20020925	CN 1995-106541	19950523

PRIORITY APPLN. INFO.: JP 1994-109643 A 19940524

AB A sustained release dispenser comprises a **plastic container**, having a liquid and volatile ingredient-permeable outer layer and a liquid-absorbable inner layer of the same material as the outer layer, and a liquid and volatile ingredient enclosed in the **plastic container**. In another embodiment, the sustained release dispenser comprises a **plastic container** in which grooves are formed on the inner wall and a volatile ingredient is accommodated in the **container**. The dispenser is especially useful for **pheromonal insect attractants**.

L6 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1991:466820 HCAPLUS
DOCUMENT NUMBER: 115:66820
TITLE: Insect communication-confusing and repelling agents containing pheromones
INVENTOR(S): Musa, Giichi; Miyano, Hiroko; Hiyori, Takayuki
PATENT ASSIGNEE(S): Nitto Denko Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03002108	A2	19910108	JP 1989-135676	19890529
JP 2706514	B2	19980128		

PRIORITY APPLN. INFO.: JP 1989-135676 19890529

AB Insect-repelling devices consist of communication-confusing agents comprising $\geq 90/10$ weight ratio of Z/E mixts. or Z-isomers of **pheromones**. The agents are effective for Lepidoptera. (Z)-11-Hexadecenal 25, ethylene-vinyl acetate copolymer 75, catechol 0.5, and CH₂Cl₂ 450 weight parts were mixed, coated on polyethylene terephthalate film, dried, and cut into tapes. The tapes exhibited 91% repellency against Caloptilia theivora in a tea field.

L6 ANSWER 14 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1988:57144 HCAPLUS
DOCUMENT NUMBER: 108:57144

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TITLE: Perfumed plastic films for packaging pouches
 INVENTOR(S): Karczewski, Marlene
 PATENT ASSIGNEE(S): Fed. Rep. Ger.
 SOURCE: Ger. Offen., 3 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3605881	A1	19870827	DE 1986-3605881	19860224
PRIORITY APPLN. INFO.:			DE 1986-3605881	19860224

AB The title **films**, with good appearance and properties, are prepared by extruding granulated **plastics** intensively mixed with perfumes. Adding five 30-g portions of vanillin at 10-min intervals to 50 kg low-d. polyethylene and pigments in a granulator-mixer at room temperature and extruding at 185-190° gave a **film** which was welded to give a packaging **pouch** with an **attractive odor** which was not adulterated by the **plastic** and persisted unchanged for several months.

L6 ANSWER 15 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1978:193341 HCAPLUS
 DOCUMENT NUMBER: 88:193341
 TITLE: Apparatus for dispersing a vaporizable material with previously determined rapidity for vapor diffusion through a stationary gas layer
 PATENT ASSIGNEE(S): Albany International Corp., USA
 SOURCE: Neth. Appl., 36 pp.
 CODEN: NAXXAN
 DOCUMENT TYPE: Patent
 LANGUAGE: Dutch
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 7610606	A	19770329	NL 1976-10606	19760924
SE 424595	B	19820802	SE 1976-4632	19760422
SE 424595	C	19821111		
NO 7601418	A	19770329	NO 1976-1418	19760423
NO 147581	B	19830131		
NO 147581	C	19830511		
AU 7613320	A1	19771027	AU 1976-13320	19760423
AU 508179	B2	19800313		
IL 49511	A1	19810913	IL 1976-49511	19760503
FI 7601919	A	19770327	FI 1976-1919	19760701
FR 2325400	A1	19770422	FR 1976-27723	19760915
FR 2325400	B1	19800516		
DE 2641630	A1	19770811	DE 1976-2641630	19760916
JP 52055969	A2	19770507	JP 1976-115342	19760924
BR 7606411	A	19770531	BR 1976-6411	19760924
CH 615806	A	19800229	CH 1976-12120	19760924
DK 7604345	A	19770327	DK 1976-4345	19760927
PRIORITY APPLN. INFO.:			US 1975-617261	19750926

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AB The device, e.g., for dispensing insect attractants, insecticides, fragrances, pheromones, is plastic capillary tube. The tube is only partly filled with the substance to be dispensed.

L6 ANSWER 16 OF 16 HCAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1971:434495 HCAPLUS
DOCUMENT NUMBER: 75:34495
TITLE: System for diffusing embedded volatile substances into the atmosphere
INVENTOR(S): Aries, Robert
SOURCE: Fr., 10 pp.
CODEN: FRXXAK
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 1602397		19701224	FR	19681128

AB Cellulose, optionally rendered water repellent, was impregnated with compns. containing .apprx.33-63% volatile pesticides, deodorizers, perfumes, etc. such as dimethyl 2,2-dichlorovinyl phosphate, lindane, nicotine, diphenylmethane, or 2-methylundecanal and 37-67% compds. of low vapor pressure that regulate the evaporation rate such as esters of polybasic carboxylic or inorg. acids, fatty acids, naphtha resins, hydrogenated terphenyl, and (or) epoxy compds. For example, a 6-mm-thick cellulose sheet that had absorbed approx. twice its weight of a composition containing (MeO)2P(O)OCH:CCl2 40, di-Pr phthalate 20, diisopropyl adipate 20, bisphenol A diglycidyl ether 5, and liquid silicone oil 1 g was placed in an envelope made from a polyethylene film perforated with small holes comprising 15% of its surface to give a system that kept its insecticidal effectiveness for 100 days against houseflies in a 40 m3 enclosure whose atmospheric was renewed hourly.

(FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, CONFSCI, SCISEARCH, JICST-EPLUS, JAPIO, CABA, AGRICOLA, PROMT, LIFESCI' ENTERED AT 14:59:44 ON 09 DEC 2003)

L7 1489 S L3
L8 298 S L7(L) (CONTAINER OR APPARAT? OR DEVICE)
L9 25 S L8(L) (ENVELOP? OR POUCH)
L10 25 DUP REM L9 (0 DUPLICATES REMOVED)

L10 ANSWER 1 OF 25 PROMT COPYRIGHT 2003 Gale Group on STN

ACCESSION NUMBER: 2003:535979 PROMT
TITLE: Trade name directory. (A-O).
SOURCE: Chemical Engineering, (15 Sep 2003) Vol. 110, No. 10, pp. 358(19).
ISSN: ISSN: 0009-2460.
PUBLISHER: Chemical Week Associates
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 23706
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

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variety. The line, from Fast Industries Inc., Fort Lauderdale, Fla., has also introduced Kitchen Spice, French Vanilla and Fresh N' Spicy. The deodorizers come in small bottles, and users simply place a drop in an ashtray or other convenient container. The line comes blister-packaged for a suggested price of \$1.79.

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(FILE 'USPATFULL' ENTERED AT 15:05:55 ON 09 DEC 2003)

L2 4039 SEA FILE=HCAPLUS ABB=ON PLU=ON (REPELL!NT OR REPELLING
OR REPEL OR REPELLED OR REPULSION OR REPULSE# OR
REPULSING OR ATTRACT? OR LURE# OR LURING OR BAIT) (S) (PRES
CENT## OR SCENT## OR ODOR? OR AROMA OR PERFUM? OR
PHEROMON## OR FRAGRAN?)
L14 914 SEA FILE=USPATFULL ABB=ON PLU=ON L2(S) (SHEET? OR
FABRIC OR WOVEN OR PLASTIC? OR LATEX OR FILM)
L15 206 SEA FILE=USPATFULL ABB=ON PLU=ON L14(S) (CONTAINER OR
APPARAT? OR DEVICE)
L16 17 SEA FILE=USPATFULL ABB=ON PLU=ON L15(S) (POUCH OR
ENVELOP?)

L16 ANSWER 1 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:229139 USPATFULL
TITLE: Fishing device container
INVENTOR(S): Meier, Walter Louis, Cumming, GA, UNITED STATES
Chorey, Thomas V., JR., Atlanta, GA, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003159326	A1	20030828
APPLICATION INFO.:	US 2003-377355	A1	20030228 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-340911, filed on 28 Jun 1999, GRANTED, Pat. No. US 6574906		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-91153P	19980630 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	58	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	29 Drawing Page(s)	
LINE COUNT:	1298	

AB The present invention discloses containers for storing fishing lures, baited or unbaited hooks, terminal tackle, fishing accessories, bait, fishing lines and other fishing devices ("target objects"). The containers are designed for quick and efficient insertion of the target objects into the containers. Fasteners attached to such containers, in addition to closing the opening of the containers, allow for quick attachment and detachment of the containers to and from a fishing rod, thereby capturing and retaining line and thus minimizing entanglement. These fastening devices may also be used to attach the containers to other non-rod objects such as boats or clothing for immediate access to or storage of target objects. All versions of containers

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may be formed of at least partially clear plastic or other materials for ready identification of the contained materials.

INCL INCLM: 043/025.200
NCL NCLM: 043/025.200

L16 ANSWER 2 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:154856 USPATFULL
TITLE: Fishing device container
INVENTOR(S): Meier, Walter Louis, Cumming, GA, United States
Chorey, Jr., Thomas V., Atlanta, GA, United States
PATENT ASSIGNEE(S): Inventive Designs, Ltd., Cumming, GA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6574906	B1	20030610
APPLICATION INFO.:	US 1999-340911		19990628 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-91153P	19980630 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Rowan, Kurt	
LEGAL REPRESENTATIVE:	Kilpatrick Stockton LLP	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	51 Drawing Figure(s); 29 Drawing Page(s)	
LINE COUNT:	1187	

AB The present invention discloses containers for storing fishing lures, baited or unbaited hooks, terminal tackle, fishing accessories, bait, fishing lines and other fishing devices ("target objects"). The containers are designed for quick and efficient insertion of the target objects into the containers. Fasteners attached to such containers, in addition to closing the opening of the containers, allow for quick attachment and detachment of the containers to and from a fishing rod, thereby capturing and retaining line and thus minimizing entanglement. These fastening devices may also be used to attach the containers to other non-rod objects such as boats or clothing for immediate access to or storage of target objects. All versions of containers may be formed of at least partially clear plastic or other materials for ready identification of the contained materials.

INCL INCLM: 043/025.200
NCL NCLM: 043/025.200

L16 ANSWER 3 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:67217 USPATFULL
TITLE: Fishing lure holder and display for tackle boxes and boats
INVENTOR(S): Krammes, Jr., Gary L., 1555 Sweet Arrow Rd., Pottsville, PA, United States 17901

NUMBER	KIND	DATE
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PATENT INFORMATION: US 6530488 B1 20030311
APPLICATION INFO.: US 1998-23936 19980925 (9)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1996-724165,
filed on 27 Sep 1996, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Gibson, Jr., Robert W.
LEGAL REPRESENTATIVE: Piltch, Esq., Sanford J.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 332

AB A fishing lure storage and display apparatus
is provided which features transparent storage receptacles
releasably suspended from a hanging rod allowing the lures
to be easily viewed and readily accessed. The storage receptacles
retain the lure in isolation from the outer environment
thus sustaining the shape, color and scent of the
lure and protecting it from crushing damage or
entanglement. The receptacles can take on a variety of forms such
as a flexible polypropylene pouch or a tubular member
constructed from a semi-rigid plastic.

INCL INCLM: 211/085.290
INCLS: 211/085.150; 211/116.000; 043/054.100; 206/806.000;
224/920.000; 224/406.000
NCL NCLM: 211/085.290
NCLS: 043/054.100; 206/806.000; 211/085.150; 211/116.000;
224/406.000; 224/920.000

L16 ANSWER 4 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2001:156755 USPATFULL
TITLE: Self-heating flexible package
INVENTOR(S): Bell, William L., Boulder, CO, United States
Dippo, James L., Arvada, CO, United States
PATENT ASSIGNEE(S): TDA Research, Inc., Wheat Ridge, CO, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6289889	B1	20010918
APPLICATION INFO.:	US 1999-351578		19990712 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Yeung, James C.		
LEGAL REPRESENTATIVE:	Greenlee, Winner and Sullivan, P.C.		
NUMBER OF CLAIMS:	31		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	24 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	929		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Improved heaters and self-heating packages that function without
application of external energy. Heat is generated by contact of a
heat-producing composition, such as calcium oxide, and an
activating solution which is typically water. The heater contains
multi-compartment containing heat-producing composition and
activating solution. The heater is activated by application of
hand pressure to rupture a frangible seal which allows the heater

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components to mix. The heater compartments are at least in part formed from flexible walls. The self-heating package has one or more products or product containers in thermal contact with one or more heaters. In preferred packaging embodiments, the heating package has one or more product containers or pouches in thermal contact with one or more heaters. In a specific embodiment, the product container is integrally formed with the heater. Preferred self-heating packages are constructed entirely of flexible packaging materials.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 126/263.070
INCLS: 126/263.080; 126/263.100; 252/070.000
NCL NCLM: 126/263.070
NCLS: 126/263.080; 126/263.100; 252/070.000

L16 ANSWER 5 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2001:55590 USPATFULL
TITLE: Barrier material comprising a thermoplastic and a compatible cyclodextrin derivative
INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States
PATENT ASSIGNEE(S): Cellresin Technologies, LLC, Minneapolis, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6218013	B1	20010417
APPLICATION INFO.:	US 1999-334156		19990616 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-789090, filed on 27 Jan 1997, now abandoned Division of Ser. No. US 1996-755461, filed on 22 Nov 1996, now abandoned Division of Ser. No. US 1995-570599, filed on 11 Dec 1995, now patented, Pat. No. US 5603974 Division of Ser. No. US 1994-264771, filed on 23 Jun 1994, now patented, Pat. No. US 5492947		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Thibodeau, Paul		
ASSISTANT EXAMINER:	Tarazano, D. Lawrence		
LEGAL REPRESENTATIVE:	Merchant & Gould P.C.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1761		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural

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materials wherein the thermoplastic is of substantial thickness resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the permeant from passing through the film into the interior of a film, an enclosure or container. The permeant can comprise a variety of well known materials such as moisture, aliphatic or aromatic hydrocarbons, monomer materials, off flavors, toxic compounds etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 428/411.100
INCLS: 428/500.000; 428/516.000; 428/518.000; 428/520.000
NCL INCLM: 428/411.100
NCLS: 428/500.000; 428/516.000; 428/518.000; 428/520.000

L16 ANSWER 6 OF 17 USPATFULL on STN

ACCESSION NUMBER: 1999:34062 USPATFULL

TITLE: Moisture barrier material comprising a thermoplastic and a compatible cyclodextrin derivative

INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States

PATENT ASSIGNEE(S): Cellresin Technologies, LLC, Minneapolis, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5883161		19990316
APPLICATION INFO.:	US 1997-931551		19970916 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-603487, filed on 20 Feb 1996, now abandoned which is a continuation-in-part of Ser. No. US 1994-264771, filed on 23 Jun 1994, now patented, Pat. No. US 5492947		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Szekely, Peter A.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1715		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A moisture vapor barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a water permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural materials wherein

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the thermoplastic is of substantial thickness resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the moisture vapor permeant from passing through the film into the interior of a film, an enclosure or container.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 524/048.000
INCLS: 426/112.000; 426/392.000; 426/410.000; 426/415.000
NCL NCLM: 524/048.000
NCLS: 426/112.000; 426/392.000; 426/410.000; 426/415.000

L16 ANSWER 7 OF 17 USPATFULL on STN

ACCESSION NUMBER: 1999:33479 USPATFULL
TITLE: Barrier material comprising a thermoplastic and a compatible cyclodextrin derivative
INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States
PATENT ASSIGNEE(S): Cellresin Technologies, LLC, Minneapolis, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5882565		19990316
APPLICATION INFO.:	US 1997-861904		19970522 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-755461, filed on 22 Nov 1996, now abandoned which is a continuation of Ser. No. US 1995-570599, filed on 11 Dec 1995, now patented, Pat. No. US 5603974		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Szekely, Peter A.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1818		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural materials wherein the thermoplastic is of substantial thickness resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the permeant from passing through the film into the

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interior of a film, an enclosure or container. The permeant can comprise a variety of well known materials such as moisture, aliphatic or aromatic hydrocarbons, monomer materials, off flavors, toxic compounds etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 264/209.500
INCLS: 264/210.700; 264/211.110; 264/217.000; 264/331.150;
264/331.170; 264/331.180; 264/331.240
NCL NCLM: 264/209.500
NCLS: 264/210.700; 264/211.110; 264/217.000; 264/331.120;
264/331.150; 264/331.170; 264/331.180

L16 ANSWER 8 OF 17 USPATFULL on STN

ACCESSION NUMBER: 97:14453 USPATFULL

TITLE: Barrier material comprising a thermoplastic and a compatible cyclodextrin derivative

INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States

PATENT ASSIGNEE(S): Aspen Research Corporation, New Brighton, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5603974		19970218
APPLICATION INFO.:	US 1995-570599		19951211 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-264771, filed on 23 Jun 1994, now patented, Pat. No. US 5492947		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Szekely, Peter A.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.		
NUMBER OF CLAIMS:	36		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1886		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural materials wherein the thermoplastic is of substantial thickness resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the permeant from passing through the film into the interior of a film, an enclosure or container. The permeant can comprise a variety of well known materials such as moisture, aliphatic or aromatic hydrocarbons, monomer materials, off

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flavors, toxic compounds etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 426/415.000
INCLS: 426/112.000; 426/392.000; 426/410.000; 524/048.000
NCL NCLM: 426/415.000
NCLS: 426/112.000; 426/392.000; 426/410.000; 524/048.000

L16 ANSWER 9 OF 17 USPATFULL on STN

ACCESSION NUMBER: 96:82731 USPATFULL
TITLE: Injection molded PVA sponge
INVENTOR(S): Rosenblatt, Solomon, 127 W. 79th St., Apt. 11-C,
New York, NY, United States 10024

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5554659		19960910
APPLICATION INFO.:	US 1995-460661		19950602 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-167591, filed on 14 Dec 1993 which is a continuation-in-part of Ser. No. US 1992-979260, filed on 20 Nov 1992, now patented, Pat. No. US 5276993 which is a continuation of Ser. No. US 1991-740942, filed on 6 Aug 1991, now patented, Pat. No. US 5170580		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	Ostrolenk, Faber, Gerb & Soffen, LLP.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	754		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A molded porous polyvinyl alcohol sponge includes an outer skin capable of absorbing and passing water to interior portions of the sponge, and is substantially smooth except for predetermined structural details imparted by the mold used in its making. The outer skin has smaller average pore size than does the interior portion of the product.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 521/051.000
INCLS: 521/065.000; 521/141.000; 521/905.000
NCL NCLM: 521/051.000
NCLS: 521/065.000; 521/141.000; 521/905.000

L16 ANSWER 10 OF 17 USPATFULL on STN

ACCESSION NUMBER: 96:82730 USPATFULL
TITLE: Injection molded PVA Sponge
INVENTOR(S): Rosenblatt, Solomon, 127 W. 79th St., Apt. 11-C,
New York, NY, United States 10024

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5554658		19960910
APPLICATION INFO.:	US 1993-167591		19931214 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-979260, filed on 20 Nov 1992, now patented, Pat. No. US 5276993 which is a continuation of Ser. No. US		

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1991-740942, filed on 6 Aug 1991, now patented,
Pat. No. US 5170580

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Foelak, Morton
LEGAL REPRESENTATIVE: Ostrolenk, Faber, Gerb & Soffen, LLP
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
LINE COUNT: 739

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A molded porous polyvinyl alcohol sponge includes an outer skin capable of absorbing and passing water to interior portions of the sponge, and is substantially smooth except for predetermined structural details imparted by the mold used in its making. The outer skin has smaller average pore size than does the interior portion of the product.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 521/051.000
INCLS: 521/065.000; 521/109.100; 521/141.000
NCL NCLM: 521/051.000
NCLS: 521/065.000; 521/109.100; 521/141.000

L16 ANSWER 11 OF 17 USPATFULL on STN

ACCESSION NUMBER: 96:29302 USPATFULL
TITLE: Barrier material comprising a thermoplastic and a compatible cyclodextrin derivative
INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States
PATENT ASSIGNEE(S): Aspen Research Corporation, New Brighton, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5505969		19960409
APPLICATION INFO.:	US 1995-459845		19950602 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-264771, filed on 23 Jun 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Szekely, Peter A.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1824		

AB A barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural materials wherein the thermoplastic is of substantial thickness

resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the permeant from passing through the film into the interior of a film, an enclosure or container. The permeant can comprise a variety of well known materials such as moisture, aliphatic or aromatic hydrocarbons, monomer materials, off flavors, toxic compounds etc.

INCL INCLM: 426/130.000
INCLS: 206/484.000; 206/484.200; 206/524.200; 206/524.400;
206/524.600; 426/106.000; 426/127.000; 426/323.000;
426/397.000; 426/415.000

NCL NCLM: 426/130.000
NCLS: 206/484.000; 206/484.200; 206/524.200; 206/524.400;
206/524.600; 426/106.000; 426/127.000; 426/323.000;
426/397.000; 426/415.000

L16 ANSWER 12 OF 17 USPATFULL on STN

ACCESSION NUMBER: 96:14847 USPATFULL

TITLE: Barrier material comprising a thermoplastic and a compatible cyclodextrin derivative

INVENTOR(S): Wood, Willard E., Arden Hills, MN, United States
Beaverson, Neil J., Hugo, MN, United States

PATENT ASSIGNEE(S): Aspen Research Corporation, New Brighton, MN,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5492947		19960220
APPLICATION INFO.:	US 1994-264771		19940623 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Szekely, Peter A.		
LEGAL REPRESENTATIVE:	Merchant, Gould, Smith, Edell, Welter & Schmidt		
NUMBER OF CLAIMS:	35		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1897		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A barrier film composition can comprise a thermoplastic web comprising a thermoplastic polymer and a dispersed cyclodextrin composition having substituents that compatibilize the cyclodextrin in the film. The thermoplastic/cyclodextrin film obtains substantial barrier properties from the interaction between the substituted cyclodextrin in the film material with a permeant. The substituents on the cyclodextrin molecule causes the cyclodextrin to be dispersible and stable in the film material resulting in an extrudable thermoplastic. Such materials can be used as a single layer film material, a multilayer film material which can be coated or uncoated and can be used in structural materials wherein the thermoplastic is of substantial thickness resulting in structural stiffness. The cooperation between the cyclodextrin and the thermoplastic polymer provides barrier properties to a web wherein a permeant can be complexed or entrapped by the cyclodextrin compound and held within the film preventing the permeant from passing through the film into the

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interior of a film, an enclosure or container. The permeant can comprise a variety of well known materials such as moisture, aliphatic or aromatic hydrocarbons, monomer materials, off flavors, toxic compounds etc.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

INCL INCLM: 524/048.000

NCL NCLM: 524/048.000

L16 ANSWER 13 OF 17 USPATFULL on STN

ACCESSION NUMBER: 90:92454 USPATFULL

TITLE: Container for organoleptically active substance

INVENTOR(S): Ishihara, Yoshiko, 8-7, Mori Minami 1-chome,

Higashinadaku, Kobe, Japan

Kawanishi, Yukio, 1-22, Hachizuka 1-chome,

Ikedashi, Osaka, Japan

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4974725		19901204
APPLICATION INFO.:	US 1990-485198		19900226 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-U24955	19890303
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Sewell, Paul T.	
ASSISTANT EXAMINER:	Ackun, Jr., Jacob K.	
LEGAL REPRESENTATIVE:	Jordan and Hamburg	
NUMBER OF CLAIMS:	4	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	179	

AB An organoleptically active substance **container** for producing a deodorant, scenting and/or **repellent** effect comprises an **envelope** made of water-impermeable, gas-permeable synthetic resin in which a mixture of an organoleptically active substance in powder form, typically a deodorant, **perfume** or **repellent**, and a powdery water-absorbing synthetic resin is contained either as such or packed in a water-soluble **film**, the **envelope** being equipped, at one corner thereof, with a tightly closable water inlet for introducing water into the **envelope**.

With the above container, a simple procedure comprising only introducing water into the water-impermeable, gas-permeable synthetic resin envelope makes it possible to secure the desired deodorant, scenting and/or repellent effect, among others, for a prolonged period of time. Since the powdery water-absorbing synthetic resin powder-active substance powder mixture is placed, either as such or in the form of a pack, in the envelope, the container as a whole is not bulky but lightweight before use, hence can be stored in transported with ease.

INCL INCLM: 206/000.500

INCLS: 206/219.000; 206/524.700; 422/005.000

NCL NCLM: 206/000.500

Searcher : Shears 308-4994

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NCLS: 206/219.000; 206/524.700; 422/005.000

L16 ANSWER 14 OF 17 USPATFULL on STN

ACCESSION NUMBER: 89:16057 USPATFULL
TITLE: Bait package and method
INVENTOR(S): Smart, Joseph H., 1925 Imperial St., Salt Lake
City, UT, United States 84105

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4809455		19890307
APPLICATION INFO.:	US 1987-39712		19870420 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Godici, Nicholas P.		
ASSISTANT EXAMINER:	Cuda, Carmine		
LEGAL REPRESENTATIVE:	Mallinckrodt, Philip A., Mallinckrodt, Robert R.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	205		

AB A bait package for wildlife comprises an odoriferous, effusive attractant material in an absorbent material therefor sealed within an easily puncturable container, which is placed at a desired location and punctured for use. For capturing marine life, such as edible crustaceans, e.g. crayfish, the attractant material may be a fish oil and the absorbent material either a usual bait formulation or an inexpensive, inedible, insoluble material, such as sawdust, and the bait package may be encased by an open weave material that catches the claws of the crustaceans. The bait package may also be covered with a porous material, such as a plastic foam sheeting, to protect the container and to aid diffision of the attractant following puncture of the container. The open weave material encasing the bait package is preferably a reusable case of special formation.

INCL INCLM: 043/004.500
INCLS: 043/044.990; 043/041.000; 043/044.200
NCL NCLM: 043/004.500
NCLS: 043/041.000; 043/044.200; 043/044.990

L16 ANSWER 15 OF 17 USPATFULL on STN

ACCESSION NUMBER: 77:44065 USPATFULL
TITLE: Method of treating soil for controlling termites and the like
INVENTOR(S): Basile, Mario J., 85-12 Fifth Ave., Brooklyn, NY,
United States 11209

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4043073		19770823
APPLICATION INFO.:	US 1975-598655		19750724 (5)
DISCLAIMER DATE:	19930302		
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1974-496363, filed on 9 Aug 1974, now patented, Pat. No. US 3940875		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		

Searcher : Shears 308-4994

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PRIMARY EXAMINER: Camp, Warner H.
LEGAL REPRESENTATIVE: Miskin, Howard C.
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 369

AB A soil or other ground cover is treated for termite or other pest control by dispersing in the soil or on the ground, a toxic insecticide in an active available state and a toxic insecticide in an initially unavailable state and timed to be released before complete dissipation of the immediately available insecticide. The initially unavailable insecticide is enveloped in a container made of a material either in whole, in part attractive to and edible by the pest to release the insecticide when the container or plug is eaten by the pest. Combined with the insecticide is any odoriferous material which will signal the presence of termites by its distinctive odor. A soil coloring agent can be used also or in addition to provide a visual signal. The odor producing agent can be used alone.

INCL INCLM: 043/124.000
INCLS: 043/131.000; 043/132.000R
NCL NCLM: 043/124.000
NCLS: 043/131.000; 043/132.100

L16 ANSWER 16 OF 17 USPATFULL on STN
ACCESSION NUMBER: 76:10656 USPATFULL
TITLE: Method of treating soil for controlling termites and the like
INVENTOR(S): Basile, Mario J., 8512 Fifth Ave., Brooklyn, NY, United States 11209

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3940875		19760302
APPLICATION INFO.:	US 1974-496363		19740809 (5)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1972-306933, filed on 15 Nov 1972, now patented, Pat. No. US 3835578		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Camp, Warner H.
LEGAL REPRESENTATIVE: Miskin, Howard C.
NUMBER OF CLAIMS: 14
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 315

AB Soil is treated for termite or like control by dispersing in the soil a termite toxic insecticide in an active available state and a termite toxic insecticide in an initially unavailable state and timed to be released before complete dissipation of the immediately available insecticide. The initially unavailable insecticide is enveloped in a container made of a material either in whole or in part attractive to and edible by the termites, to release the insecticide when the container or plug is eaten by the termites. Combined with the insecticide is any odoriferous material which will signal the presence of termites by its distinctive odor. A soil coloring agent can be used also or in

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addition to provide a visual signal. The odor producing agent can be used alone.

INCL INCLM: 043/124.000
INCLS: 043/131.000; 043/132.000R; 047/048.500
NCL NCLM: 043/124.000
NCLS: 043/131.000; 043/132.100

L16 ANSWER 17 OF 17 USPATFULL on STN
ACCESSION NUMBER: 75:27441 USPATFULL
TITLE: Dispensing package, cartridge and container
INVENTOR(S): Watkins, Lucius D., Hartland, WI, United States
PATENT ASSIGNEE(S): Permtek, Incorporated, Naples, FL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3885737		19750527
APPLICATION INFO.:	US 1973-408479		19731023 (5)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1971-169439, filed on 5 Aug 1971, now patented, Pat. No. US 3785556, issued on 15 Jan 1974 which is a continuation-in-part of Ser. No. US 1969-854979, filed on 3 Sep 1969, now patented, Pat. No. US 3661506, issued on 9 May 1972		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	King, Lloyd L.		
LEGAL REPRESENTATIVE:	Michael, Best & Friedrich		
NUMBER OF CLAIMS:	17		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	304		

AB Disclosed herein is a cartridge for controllably dispensing a liquid substance, which cartridge includes a sealed envelope or package comprising first and second plies of a plastic material which is permeable to the liquid substance, each of the plies formed to include a plurality of parallel corrugations with the corrugations of one of the plies being substantially identical to the corrugations of the other of the plies. The first and second plies are also peripherally sealed to each other in opposed relation to form the sealed package or envelope with the corrugations of one of the opposed plies in nested relation to the corrugations of the other of the opposed plies. In addition, the sealed package or envelope includes a quantity of the liquid substance and has portions overlaid with respect to each other and separated from each other by intervening spacer means.

INCL INCLM: 239/034.000
INCLS: 239/055.000; 239/057.000
NCL NCLM: 239/034.000
NCLS: 239/055.000; 239/057.000

(FILE 'HCAPLUS' ENTERED AT 15:10:21 ON 09 DEC 2003)
L19 6629 SEA FILE=HCAPLUS ABB=ON PLU=ON (REPELL!NT OR REPELLING OR REPEL OR REPELLED OR REPULSION OR REPULSE# OR REPULSING OR ATTRACT? OR LURE# OR LURING OR BAIT) AND (PRESENT## OR SCENT## OR ODOR? OR AROMA OR PERFUM? OR

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 PHEROMON## OR FRAGRAN?)
L20 297 SEA FILE=HCAPLUS ABB=ON PLU=ON L19 AND (SHEET? OR
 FABRIC OR WOVEN OR PLASTIC? OR LATEX OR FILM)
L21 74 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (GRANULAT? OR
 GRANULAR OR POWDER? OR FIBROUS OR FIBER OR FIBRE OR
 SOLID)
L23 0 SEA FILE=HCAPLUS ABB=ON PLU=ON L21 AND (CIRCLE OR
 CIRCULAR OR RECTILINEAR OR RECTI LINEAR OR RECTANGULAR
 OR RECTANGLE OR SPHERE# OR SPHERICAL? OR SQUARE#)

L19 6629 SEA FILE=HCAPLUS ABB=ON PLU=ON (REPELL!NT OR REPELLING
 OR REPEL OR REPELLED OR REPULSION OR REPULSE# OR
 REPULSING OR ATTRACT? OR LURE# OR LURING OR BAIT) AND
 (PRESENT## OR SCENT## OR ODOR? OR AROMA OR PERFUM? OR
 PHEROMON## OR FRAGRAN?)
L20 297 SEA FILE=HCAPLUS ABB=ON PLU=ON L19 AND (SHEET? OR
 FABRIC OR WOVEN OR PLASTIC? OR LATEX OR FILM)
L21 74 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 AND (GRANULAT? OR
 GRANULAR OR POWDER? OR FIBROUS OR FIBER OR FIBRE OR
 SOLID)
L24 2 SEA FILE=HCAPLUS ABB=ON PLU=ON L21 AND (POUCH OR
 ENVELOP?)

L25 0 L24 NOT L6

(FILE 'MEDLINE, BIOSIS, EMBASE, WPIDS, CONFSCI, SCISEARCH,
JICST-EPLUS, JAPIO, CABA, AGRICOLA, PROMT, LIFESCI' ENTERED AT
15:25:45 ON 09 DEC 2003)

L2 4039 SEA FILE=HCAPLUS ABB=ON PLU=ON (REPELL!NT OR REPELLING
 OR REPEL OR REPELLED OR REPULSION OR REPULSE# OR
 REPULSING OR ATTRACT? OR LURE# OR LURING OR BAIT) (S) (PRES
 CENT## OR SCENT## OR ODOR? OR AROMA OR PERFUM? OR
 PHEROMON## OR FRAGRAN?)
L37 917 SEA L2(S) (SHEET? OR FABRIC OR WOVEN OR PLASTIC? OR LATEX
 OR FILM)
L38 145 SEA L37(S) (GRANULAT? OR GRANULAR OR POWDER? OR FIBROUS
 OR FIBER OR FIBRE OR SOLID)
L39 15 SEA L38(S) (CIRCLE OR CIRCULAR OR RECTILINEAR OR RECTI
 LINEAR OR RECTANGULAR OR RECTANGLE OR SPHERE# OR
 SPHERICAL? OR SQUARE#)
L40 4 SEA L39(S) (POUCH OR ENVELOP?)

L41 0 L40 NOT L9

(FILE 'USPATFULL' ENTERED AT 15:37:37 ON 09 DEC 2003)

L42 0 S L40

(FILE 'HCAPLUS, MEDLINE, BIOSIS, EMBASE, WPIDS, CONFSCI, SCISEARCH,
JICST-EPLUS, JAPIO, CABA, AGRICOLA, PROMT, LIFESCI, USPATFULL'
ENTERED AT 15:38:19 ON 09 DEC 2003)

L43 7 S "WEISER M"?/AU AND L2
L44 3 DUP REM L43 (4 DUPLICATES REMOVED)

L44 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2003:733168 HCAPLUS

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TITLE: Device for containing animal repellent and attractant compositions
INVENTOR(S): Weiser, Mark J.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003175320	A1	20030918	US 2001-842963	20010427

PRIORITY APPLN. INFO.: US 2001-842963 20010427

AB A device for emitting repellent odor or attractant scent comprising a closed container having odoriferous composition therein and being formed from thin sheet material which is pervious therethrough to gaseous effluent from the composition and is impervious to passage therethrough of liquid.

L44 ANSWER 2 OF 3 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
ACCESSION NUMBER: 2003-157735 [16] WPIDS
DOC. NO. NON-CPI: N2003-124514
TITLE: Emitting device for repellent odor or attractant scent
, has flexible thin sheet material which is pervious to passage of gaseous effluent from composition and is impervious to passage of liquid.
P14
DERWENT CLASS:
INVENTOR(S): WEISER, M J
PATENT ASSIGNEE(S): (WEIS-I) WEISER M J
COUNTRY COUNT: 2
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
CA 2369913	A1	20021027	(200316)*	EN	13
US 2003175320	A1	20030918	(200362)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
CA 2369913	A1	CA 2002-2369913	20020125
US 2003175320	A1	US 2001-842963	20010427

PRIORITY APPLN. INFO: US 2001-842963 20010427
AN 2003-157735 [16] WPIDS
AB CA 2369913 A UPAB: 20030307
NOVELTY - The device has a closed container (10) having odoriferous composition (22), and formed from flexible thin sheet material (12) which is pervious to the passage of gaseous effluent from the composition and is impervious to passage of liquid.
DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

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(a) an animal attraction/repulsion method; and a blister pack dispensing device for animal attractant and repellent.

USE - For emitting **repellent odor** or **attractant scent** for luring or **repulsing** animals e.g. deer, rodent.

ADVANTAGE - Provides a tight fit arrangement which limits the space inside surface of the envelope and the outside surface of the container, thus odoriferous effluent is retained in the composition until the outer envelope is removed.

DESCRIPTION OF DRAWING(S) - The figure shows the isometric view of the container which is a component of the emitting device.

Closed container 10

Flexible thin sheet material 12

Odoriferous composition 22

Dwg.1/4

L44 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2000:819382 HCAPLUS

DOCUMENT NUMBER: 133:345922

TITLE: Animal **scent attractant**
enhancer

INVENTOR(S): **Weiser, Mark J.**

PATENT ASSIGNEE(S): Ebsco Industries, Inc., USA

SOURCE: U.S., 3 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6149901	A	20001121	US 1999-376110	19990817
PRIORITY APPLN. INFO.:			US 1999-376110	19990817
AB Compns. containing Ca carbonate, Mg carbonate and crystalline silica are useful for amplifying and preserving animal scents. Fox urine, coyote urine, deer urine, elk urine, moose urine, bear urine, rabbit urine, fish oils, and sheep manure are examples of substances which can be used with the present invention.				

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

FILE 'HOME' ENTERED AT 15:38:59 ON 09 DEC 2003